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PHA 4199.1 (3090/7/US)
PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of John S. Ng et al.
Serial No. 10/608,101
Filed June 27, 2003

For PROCESS FOR PREPARATION OF 9,11-EPOXY STEROIDS AND
INTERMEDIATES USEFUL THEREIN

September 26, 2003

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INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. 1.97 and 1.98 and MPEP 609, and
in compliance with the duty of disclosure set forth in 37 C.F.R.
1.56, applicant submits the attached PTO/SB/08A for consideration
* by the Patent and Trademark Office in the above-entitled
application and to be made of record therein.

The references listed on the attached PTO/SB/08A have been
previously submitted in parent application Serial No. 09/943,117,
filed August 31, 2001, and in accordance with MPEP 609, are not
being provided at this time.

Respectfully submitted,

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PTO/SB/08A INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known		
			Application Number	10/608,101	
			Filing Date	June 27, 2003	
			Confirmation Number	not yet received	
			First Named Inventor	John S. Ng	
			Group Art Unit	not yet received	
			Examiner Name	not yet received	
Sheet	1	of	5	Attorney Docket No.	PHA 4199.1



U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code ² (if known)		
	1	3,053,856	B1	Payne et al.	09/11/1962
	2	3,200,113	B1	Christiansen et al.	08/10/1965
	3	3,300,489	B1	Holden	01/24/1967
	4	3,413,288	B1	Creger	11/26/1968
	5	3,759,791	B1	Marsheck	09/18/1973
	6	3,897,417	B1	Warnant et al.	07/29/1975
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	8	4,069,219	B1	Weier	01/17/1978
	9	4,118,488	B1	Phillipson et al.	10/03/1978
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	12	5,565,558	B1	Batist et al.	10/15/1996
	13	5,616,742	B1	Fu et al.	04/01/1997

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FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T ⁶
		Office	Number ⁴	Kind Code ² (if known)			
	14	DE	2349022		Furst, Andor et al.	04/10/1975	
	15	DE	2404947		Roussel-Uclaf	08/08/1974	
	16	DE	2443746		Searle & Co.	03/03/1975	
	17	DE	2932925		Gist Brocades NV	02/28/1980	
	18	EP	0122232	A1	Ciba Geigy Corp (US)	10/17/1984	
	19	EP	0123734	A1	Gist Brocades NV (NL)	11/07/1984	
	20	EP	0165902	A1	Ciba Geigy Corp (US)	12/27/1985	
	21	WO	97/21720		Searle & Co.	06/19/1997	
OTHER ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.					T ⁶
	22	ABSTRACT 084228, "Hydroxylated Androstane Production From Sterols", Chemical Abstracts, Vol. 100, No. 11, p. 430, March 12, 1984 and JP 58 179 498 A (Danippon Ink and Chemicals, Inc.); Japan, October 20, 1983					
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	24	BROWN et al., "Steroidal Aldosterone Blockers VII", J. Med. Chem., 1963, Vol. 6, pp. 732-735	
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	27	CHRISTIANSEN et al., "7 α -Carboalkoxy Steroidal Spirolactones As Aldosterone Antagonists", J. Med. Chem., Vol. 18, No. 8, pp. 817-821, August 1975	
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	32	GABRIEL "Condensationsprodukte aus Phtalsaeureanhydrid", Ber., pp. 1389-1396, 1884	
	33	GROB et al., "Steroidal, Aldosterone Antagonists. Increased Selectivity of 9 α , 11-Epoxy Derivatives", Helv. Chim. Acta, Vol. 80, No. 2, pp. 566-585, March 24, 1977	
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	35	NAGATA et al., "Angular-Substituted Polycyclic Compounds. I. Cyanation of Δ-Cholesten-3-one", J. Org. Chem., Volume 26, pp. 2413-2420, 1961	
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	40	PAYNE et al., "Reactions of Hydrogen Peroxide. VII. AlkaliCatalyzed Epoxidation and Oxidation Using a Nitrile As Coreactant", J. Org. Chem., Vol. 26, pp. 659-663, 1961	
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	43	TURNER et al., "Applications Of High-potential Kinones. Part I. The Mechanism Of Dehydrogenation Of Steroidal Ketones By 2,3 Dichloro-5,6-dicyanobenzoquinone", J. Chem. Soc., pp. 1720-1730, 1967	

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	44	VAN LEUSEN et al., "Chemistry of Sulfonylmethyl Isocyanides. 33. Synthesis of 17-(isocyanotosylmethylene) Steroids: Precursors To Pregnane Derivatives" Recueil Des Travaux Chimiques Des Pays-Bas, Vol. 100, No. 10, pp. 393-401, October 1991	
	45	WEIR et al., "7 α -Carboalkoxy Steroidal Spirolactones As Aldosterone Antagonists", J. Med. Chem., Vol. 18, No. 8, pp. 817-821, August 1975	

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